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				Application Number	Based on 09/781,154
				Filing Date	February 13, 2001
				First Named Inventor	Shunpei YAMAZAKI, et al.
				Group An Unit	2871
				Examiner Name	Tai V. Duong
Sheet 1	of 4	Attorney Docket Number	0756-7190		

U.S. PATENT DOCUMENTS						
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
TD		5,389,287		Nishiyama et al.	02/14/95	
TD		5,223,959		Wu et al.	06/29/93	
TD		5,253,090		Yamazaki et al.	10/12/93	
TD		5,078,477		Jono et al.	01/07/92	
TD		5,200,846		Hiroki et al.	04/06/93	
TD		4,818,070		Gunjima et al.	04/04/89	
TD		5,087,387		Mullen et al.	02/11/92	
TD		5,268,783		Yoshinaga et al.	12/07/93	
TD		5,378,396		Yui et al.	01/03/95	
TD		5,178,571		Mase	01/12/93	
TD		5,321,553-533		Kumar Kumar	06/14/94	
TD		5,566,009		Yamazaki et al.	10/15/96	
TD		5,289,030		Yamazaki et al.	02/22/94	
TD		4,239,346		Lloyd	12/16/80	

FOREIGN PATENT DOCUMENTS								
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>1</sup>
		Office <sup>3</sup>	Number <sup>3</sup>	Kind Code <sup>2</sup> (if known)				
TD		JP	02-000824			01/05/90		Abst.
TD		JP	02-222930			09/05/90		Abst.
TD		JP	49-077537			07/26/74		None
TD		JP	62-126677			06/08/87		Abst.
TD		JP	63-010777			05/02/88		Abst.
TD		JP	64-030272			02/01/89		Abst.

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS					
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			T <sup>2</sup>
TD		Molsen et al., "Antiferroelectric Switching...Liquid Crystals," Japan J. Appl. Phys. Vol. 31, Part 2, No. 8A, August 1, 1992, pp. 1083-1085.			

Examiner Signature	Tai Duong	Date Considered	2/9/04
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